

Figure 1

A₁



8

DNA Binding

Dimerization

B.
 Daed 1 M E S L F C E S S G D S S L E K E F L G A P Y G P S V S T P M S Q H S S P S R S L S A N S I K V E M Y S D E E S S R L . L G P D B R L L D K D D O S V I V E D S L S B P L G Y C
 Hel 50 2 M H C T L T M E T D A I D G Y I T C D N E L S P E G R H A M M A I D L T S S T P M G G Q A S P S H M T S T W S V K L E M Q S D E E C D R O P L S R E D I R G H D E G S S L R E A L I S S E Y A
 Alo 3 M E D I Q P T Y E L K S T B E Q P L P T E S P D A L N D Y S L P K P H E I N Y D S R E A P A N E D E D A G E D S M K V K D E Y S R D E . . I M K P E P M G D A E S E M . P Y S Y A R E S Y A
 Ik 4 M D Y D E G Q D M S Q V S G K E S P P Y S D T P D E G D E P M P Y P E D L S T T S G A Q N S K S D R G M A . S N V K Y E T O S D R E E N G R . . A C E M N G E E C A E D L R M D A S G E K W M G S U

101	150	200
Daed	DGSGPBP HS PGGIRLPNGK LKCDVCGNYC IGPNVLYMVK RSHTGERPPH	CNOCGASPTQ KGMLLRHKL HSGRKPPKOP FCRYACRRD ALTHGLRTHS
Hel	DNRKVQDLOG ERGIRLPNGK LKCDVCGNYC IGPNVLYMVK RSHTGERPPH	CNOCGASPTQ KGMLLRHKL HSGRKPPKOP FCSYACRRD ALTHGLRTHS
Alo	ESIKLRLHRVP YDMSRPTSGK MNCDVCGLSC ISPNVLYMVK RSHTGERPPQ	CNOCGASPTQ KGMLLRHKL HSGRKPPKOP FCRYACRRD ALTHGLRTHS
Ik	RDOGSSALSG YGGIRLPNGK LKCDICGIVC IGPNVLYMVK RSHTGERPPQ	CNOCGASPTQ KGMLLRHKL HSGRKPPKOP FCRYACRRD ALTHGLRTHS

201	250	300
Daed VSSPTVGIKPY KCONYCGRSYK OOSTLLEEKK RCHNYLQLS TDA QALTG Q PGDEIRD LEMYPDSMLH PSTERPTFI DRLASLTIEK KRSTPKPFVG		
Hel . . . VQKPH KCONYCGRSYK ORTSLEEKK RCHNYLQNVY MEAAGQVYMSH HYPPMEDCKE QRPIMDNNS LYAFERPAVI EKLTAHMGKEKSSTPKPFVG		
Alo . . . VKEVKY KRCFCGGRSYK ORSSLEEKK RCRFLQFLNPD LGDAASV. AERHK. . . AEM. . . . GSERALVLY DRLASHVAKR KSSMPQKFIG		
[k . . . VQKPH KCGYCGRSYK ORSSLEEKK RCHNYLQSMG LPGVCPVIEK ETNHNNEMAED LCKI. . . GAERSLYL DRLASHVAKR KSSMPQKFIG		

Daed 301 EKKMRPSLSD LPYDVMASGG YKEKDVLYAH HGLEPGFGGS LAFVGTRHLR PIRLPPPTNCI SELTPVIISSV YTOMOPIPSRLLELPGSREAG EGPEDLGDDG
 Hel 350 EKLNRPSYPD IHFHMWLT. YKEEABLMQS HMMDQAINNA ITYLGABALR PLMCHAPSTI AEVAPVISSA YSQVYH.PMR IERPIRSSETS DSBNHHMDGP
 A10 EKRHCDF... ANYNPYGM YKEENEMOT RMMDQAINNA ISYLGAAFRP PLVOTPPAPT SEMVVPVISSV YPIALTRAD.MP... MGAPAOEXXK
 Ik 400 DK..CLS.... DMPYDSAN YKEE.DMNTS HYMDQAINNA INYLGAECSR PLVOTPPG.S SEVVPVISSM YQLHKPPSD.GPPRSN HSAQDAYDNL

401	450	500
Daed PLYRARGSL TDGPASPSMG CODSTDTESM HEGRIGGVVS LPOGPPPPGP PTIVYGRHSP AYAKEDPKPO EGGLRGTGPB SKEVLRVVG ESGEPVIAKPC		
Hel ISLIRPKSRP QEREASPSMS CLDSTDTESS HDR... Q SYOGNMLNP KR... KOSP AYMKEDVKAL DA TKAPKGS LKDIKYVFNG EGEQBIAPRKC		
Alo RILLPEKILP SERGLSPWNS AODSTDTESW HDR. OHLYQ QSHVYLPQ. . ARNGM PLLKEVPRSP E. LKKPPIC LRDSIKVINK EGEMYMDVFRC		
Ik LLLSAKSVS SEREASPSMS CODSTDTESM AKEORSGLIY LTMWHINPH. . ARNGL ALKREORAY E. VLRAASEM SQDAFRVYST SGEOQLKVYKC		

	501	550
DaeD	EHQRLPLDH VMFTIIMGCH GFRDPFECMII CGYRHSQDRYE FSSHHVARGHEK	KVGCSR D
Hel	EHQRLPLDH VMFTIIMGCH GYRDPFLBCNI CGYRHSQDRYE FSSHHVYGGQH	TFH-
Aio	DHCYVPLDH VMFTIIMGCH GFRDPFECMII CGYRHSQDRYE FSSHHVARGHEK	RAMLU-
Iix	EHQRLPLDH VMFTIIMGCH GFRDPFECMII CGYRHSQDRYE FSSHHVARGHEK	RYHLST

C.

mDaed	I	-----	MESLFCES SGDSSLEKEF LGAPVQPSVS	50	TPNBHQHSSPS RSLANSIKV EMDYSDDEKSR LLGPDERILD KDDSVIVEDS
XDaed		MSGSTPPTVY GHKLESIFYS STVAALDRPK AGDSSLEKIDF SDALIGOPTV		TPNBRHSSPS RSRANSIKV EMDYGDDESGR LLSHEDRLSE KEDEIMGDD	
	101				
			150		
mDaed	LSEPLGTYCDG SGPEPHSPGGS IRLPNGKLLC DVCGMVCIQP MVLMYHRSR		TGERPFPHHQ CGAFTOKGN LLRHIIHLHGK EKPPFKCPPCH YACRRRDALT		
XDaed	LYPELGYCDG PGODPHP. G ILLPWLKLIC DICGMVCIQP MVLMYHRSR		TGERPFPHHQ CGAFTOKGN LLRHIIHLHGK EKPPFKCPPCH YACRRRDALT		
	201				
			250		
mDaed	GHLRTHSVSS PTYVKPYKCN YGSRSYKQDS TLEEHKICRH NYLQLSLTDA		GALTGOPGDE IRDLEMYPDS MLHPSTERPT FIDRLAMSIT KKRKRTSPOKF		
XDaed	GHLRTHA.... VPKPYKCN YGSRSYKQDS TLEEHKICRH NYLQLSNEA		QHLPAHPG..... EKGPOG		
	301				
			350		
mDaed	YGEKOMRFLS DLIPYDYNAS GGYEKLWELY AHMGLEPGFG GSLAFVGTEH		LPL.RLPTTM CISIKLTPVIS SVYTTOLOPPIP SRLELPGSRK AGBGPEDLG		
XDaed	. EKOMRFLS ADLPTYEMNS . FELDVEKIV SHRPDLDTAYG NSLAFVG... 401		. GPMRILPTTM CISIKLTPVIS SVYTTOLOPMO GRDPMGMRK AAEGHKDIPD		
			450		
mDaed	GGPLLYRARG SLTDPGAMPS NGCQDS. TDY ESNHEDRIGG VVSLPQGPPP		OPPPTIIVYGR HSPAYAKEDP KPOEGLL... RGTPGPSSK VLRVVGESGE		
XDaed	GTQIHYRGR. .SENGASPT NGCQDSNTDT ESNHEERGSG AT8..... 501		SR OSSAYAKEDQ RPSDGCLLLP SRSMPTAAK SLRVLGEDGV		
			550		
mDaed	PVKAFECHEHC RYLFLDNHMF TIHMCGRFP DPFFECNIGY HDQDRYEFSS HIVRGCHKV SCR I				
XDaed	QVKYFECHEHC RVLFLDNHMF TIHMCGRFP DPFFECNIGY HDQDRYEFSS HIVRGCHKV ----				

Figure 2

